



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 8577

Bib Data Sheet

SERIAL NUMBER 10/656,692	FILING DATE 09/04/2003	CLASS 175	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. DCI-6D6
	RULE			

APPLICANTS

John E. Mercer, Kent, WA;

Peter H. Hambling, Bellevue, WA;
 Rudolf Zeller, Seattle, WA; Shiu S. Ng, Kirkland, WA;
 Guenter W. Brune, Bellevue, WA;
 Lloyd A. Moore, Renton, WA;

** CONTINUING DATA

This application is a CON of 10/229,559 08/27/2002 PAT 6,640,907
 which is a CON of 10/021,882 12/13/2001 PAT 6,457,537
 which is a CON of 09/596,316 06/15/2000 PAT 6,454,023
 which is a CON of 09/422,814 10/21/1999 PAT 6,095,260
 which is a DIV of 08/835,834 04/16/1997 PAT 6,035,951

** FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
** 11/28/2003

** SMALL ENTITY **

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	WA	DRAWING 15	CLAIMS 10	CLAIMS 2
Verified and Acknowledged	<i>John E. Mercer</i> Examiner's Signature	Initials			

ADDRESS

21833
 PRITZKAU PATENT GROUP, LLC
 993 GAPTER ROAD
 BOULDER, CO
 80303

TITLE

Mapping tool for tracking and/or guiding an underground boring tool

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
RECEIVED 375		